Beacon, from its expertise, have found a simple and workable solution to know the consumed fuel, current fuel level in the tank, engine running hours etc. using the combination of Telematics units and a high-precision sensor.

**HOW DGFMS WORKS?**

Simple to fix DGFMS, See the magic !!!!

Get the consumed fuel, current fuel level in the tank, engine running hours etc., in you Mobile & Desktop

The smartest way to monitor your generator anywhere anytime.

**Wiring Diagram**

**Technical Specification**

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGFMS Operating Voltage</td>
<td>12-32 VDC</td>
</tr>
<tr>
<td>High precision Sensor Operating Voltage</td>
<td>12 VDC</td>
</tr>
<tr>
<td>Output from High precision Sensor</td>
<td>0 – 5 VDC</td>
</tr>
<tr>
<td>LCD</td>
<td>20 x 4 = 80 Chars max</td>
</tr>
</tbody>
</table>
Dashboard

Select DG: chol

Present Fuel Level
- Tank capacity: 653 Liters
- Present fuel level: 244 Liters
- Date & Time: 2016/05/04 19:15 PM

Reports

Latest Fuel Refill
- Before: 225 Liters 2016/05/04 10:05 AM
- After: 473 Liters 2016/05/04 10:23 AM
- Total Refill in Liters: 248 Liters

DG Status
- DG ON Time: 2016/05/04 08:18 AM
- Current running hours: 76 Hours 24 Min
- Total running hours: 2,784 Hours 4 Min

Report Analysis

Fuel Report for: chol

Fuel Reports
- Total Consumption: 5272.0 Liters
- Total run hours: 133 Hours 24 Min
- Total refill: 4526 Liters
- Average Fuel Consumption: 39.61 Liters/hour

DG Operational Details

<table>
<thead>
<tr>
<th>#</th>
<th>Engine Active Time</th>
<th>Engine Sleep Time</th>
<th>Operational Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2016/04/25 08:59 AM</td>
<td>2016/04/25 09:51 PM</td>
<td>12h 52m 32s</td>
</tr>
<tr>
<td>2</td>
<td>2016/04/26 08:00 AM</td>
<td>2016/04/26 09:54 PM</td>
<td>13h 54m 34s</td>
</tr>
<tr>
<td>3</td>
<td>2016/04/27 08:06 AM</td>
<td>2016/04/27 09:54 PM</td>
<td>13h 48m 54s</td>
</tr>
</tbody>
</table>
The smartest way to monitor
Your generator anywhere anytime.

**BEACON BENEFITS**

- Refill Efficiency
- Ignition Status
- Low Fuel Warning
- Last Refill Quantity
- Fuel Level in Tank
- Run Hour Meter
- Consumption/Hour
- Save Gas
- On Demand SMS
- Monitoring Abnormal Fuel Consumption

**BEACON**

Diesel Generator Fuel Monitoring System

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